WE CLAIM:

1. An orienter device for orienting a container in a desired rotational position prior to placement in a container carrier, the orienter device comprising:

a reader for determining an initial orientation of the container;

a control system for determining a shortest rotational distance from the initial orientation to the desired rotational position between a clockwise direction and a counterclockwise direction; and

a chuck engaged with the container and in communication with the control system for rotating the container the shortest rotational distance to the desired rotational position.

- 2. The orienter device of Claim 1 wherein the control system calculates a distance between the initial orientation of the container and the desired rotational position of the container and provides a signal to the chuck to move the container to reach the desired rotational position in the shortest rotational distance.
- 3. The orienter device of Claim 1 further comprising a plurality of chucks arranged in a wheel.

- 4. The orienter device of Claim 1 further comprising:
 a star wheel having a plurality of pockets, each pocket of the plurality of pockets
 accommodating a container, the star wheel maintaining the desired rotational position
 of the container from the chuck to the container carrier.
 - 5. The orienter device of Claim 1 further comprising: a resilient insert positioned in each pocket of the plurality of pockets.
 - 6. The orienter device of Claim 1 further comprising:
 a bi-directional motor connecting the chuck to the control system.
 - 7. The orienter device of Claim 1 wherein the reader comprises: a digital camera to capture an image of the container.
- 8. A system for packaging oriented containers in a container carrier, the system receiving a plurality of unoriented containers at an inlet, the system comprising:

a digital reader, the digital reader determining an initial orientation of an unoriented container of the plurality of unoriented containers;

an orienter wheel connected with respect to the inlet and in communication with the digital reader, the orienter wheel including a chuck, the

chuck rotating the unoriented container in a shortest rotational distance from the initial orientation into an oriented position having a desired rotational position; and a packaging machine for placing a container carrier around a plurality of oriented containers.

9. The system of Claim 8 further comprising:

a star wheel positioned directly adjacent to the orienter wheel, the star wheel having a plurality of pockets for transferring the oriented containers to the container carrier.

- 10. The system of Claim 9 wherein each pocket of the plurality of pockets includes an insert for maintaining the oriented position of the oriented container.
- 11. The system of Claim 9 further comprising:
 a rail positioned around a perimeter of the star wheel, the rail having a smooth surface
 to permit the oriented containers to slide along the rail.

12. The system of Claim 8 further comprising:

a control system, the control system calculating a distance between the initial orientation of the unoriented container and the desired rotational position of the

oriented container and providing a signal to the orienter wheel to move the container counterclockwise or clockwise to reach the desired rotational position in the shortest rotational distance.

13. A method of packaging a plurality of containers in a container carrier comprising:

feeding a container of the plurality of containers into an orienter wheel having at least one chuck;

engaging the container with the chuck;

sensing an initial position of the container;

rotating the container with the chuck in a shortest rotational distance from the initial position of the container to an oriented position of the container;

fixing the container into the oriented position; and applying the container carrier over two or more oriented containers.

14. The method of Claim 13 further comprising:

comparing the initial position of the container with a desired rotational position of the container; and

calculating the shortest rotational distance between rotating the container in a clockwise direction and a counterclockwise direction based upon the

difference between the initial position and the desired rotational position of the container.

15. The method of Claim 13 further comprising:

transferring an oriented container in a fixed rotational position from the orienter wheel to the packaging machine.

16. The method of Claim 13 further comprising:

transferring an oriented container in a fixed rotational position from the orienter wheel to a star wheel; and

transferring the oriented container in the fixed rotational position from the star wheel to the packaging machine.

17. The method of Claim 13 further comprising: rotating the container less than 180°.

chuck.

18. The method of Claim 13 further comprising:
moving at least a portion of the container into flush contact with the

19. A method of orienting a container comprising:

feeding a container into an orienter device; sensing an initial position of the container;

determining a shortest rotational distance from the initial position of the container to an oriented position of the container; and

rotating the container clockwise or counterclockwise into the oriented position of the container around the shortest rotational distance.

20. The method of Claim 19 further comprising: rotating the container less than 180°.